Canon

IXUS 230 HS

Sales Start date: October 2011
Target Market: Personal / Home

Zoom into life

With an 8x zoom lens, Full HD and the low-light skills of the HS System, the fashionably slim IXUS 230 HS is the perfect partner for nights out. Smart Auto lets you focus on living life to the full.

The IXUS 230 HS is part of the Canon IXUS digital still camera range consisting of the below products:

IXUS 1100 HS, IXUS 310 HS
IXUS 230 HS, IXUS 220 HS, IXUS 115 HS.

Key Features:

- Get close with 8x optical zoom or get everyone in with 28mm wide-angle lens
- Premium image quality even in low light using HS System with 12.1 Megapixel CMOS
- Slim metal body with 7.5 cm (3.0"), strong and clear PureColor II G LCD
- Intelligent IS adapts the optical Image Stabilizer to the scene (7 modes)
- Detailed, clear Full HD movies (1080p) with optical zoom, stereo sound, Powered IS and HDMI-CEC
- Smart Auto detects 32 scenes for the ultimate in point and shoot
- High-speed Burst, Super Slow Motion Movie, Handheld Night Scene
- iFrame movie (720p). Movie Digest
- Miniature and Toy Camera Effect. Smart Shutter with Smile and Wink Self-Timer
- Hints & Tips guidance

Product Name	Mercury Code	EAN Code	Recommended Retail Price
IXUS 230 HS (Black)	5693B006AA	8714574573496	£229 / €269
IXUS 230 HS (Silver)	5270B006AA	8714574573410	£229 / €269
IXUS 230 HS (Pink)	5699B006AA	8714574573663	£229 / €269
IXUS 230 HS (Purple)	5702B006AA	8714574573748	£229 / €269
IXUS 230 HS (Blue)	5696B006AA	8714574573588	£229 / €269
IXUS 230 HS (Green)	5705B006AA	8714574573823	£229 / €269
What's in the box: Digital Camera IXUS 230 HS, Wrist Strap WS-DC11, Battery Pack NB-4L, Battery Charger CB-2LVE, AC Cable, Interface Cable IFC-400PCU (for USB), User Manual Kit.			

Accessories	Mercury Code	EAN Code
Battery Pack NB-4L	9763A001AA	4960999242439
HDMI Cable HTC-100	2384B001AA	4960999530383
High-Power Flash HF-DC2	5189B001AA	4960999782232
Stereo AV Cable AVC-DC400ST	4076B001AA	4960999659275

Technical Specifications

IXUS 230 HS

IMAGE SENSOR	
Type	1/2.3 type back-illuminated CMOS
Effective Pixels	Approx. 12.1M
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 4 with iSAPS technology
LENS	
Focal Length	5.0 – 40.0 mm (35 mm equivalent: 28 – 224 mm)
Zoom	Optical 8x. Digital Approx. 4x (with Digital Tele-Converter Approx. 1.5x or 2.0x and Safety Zoom [1]). Combined Approx. 32x
Maximum f/number	f/3.0 – f/5.9
Construction	8 elements in 7 groups (1 double-sided aspherical lens, 1 single-sided aspherical UA lens, 1 single-sided aspherical lens)
Image Stabilisation	Yes (lens shift-type), Approx. 3.5-stop. Intelligent IS
FOCUSING	
Type	TTL
AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
AF Modes	Single, Continuous (only available in Smart Auto mode), Servo AF/AE[10], Tracking AF
AF Point Selection	Size (Normal, Small)
AF Lock	On/Off Selectable
AF Assist Beam	Yes
Closest Focusing Distance	1 cm (W) from front of lens in macro
EXPOSURE CONTROL	
Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (Centre)
AE Lock	On/Off Selectable
Exposure Compensation	+/- 2 EV in 1/3 stop increments
	Enhanced i-Contrast for automatic dynamic range correction
ISO sensitivity [3]	AUTO, 100, 200, 400, 800, 1600, 3200
SHUTTER	
Speed	1 – 1/2000 sec. (factory default)
	15 – 1/2000 sec. (total range – varies by shooting mode)
WHITE BALANCE	
Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
LCD MONITOR	
Monitor	7.5 cm (3.0") PureColor II G LCD (TFT), Approx. 461,000 dots
Coverage	Approx. 100%
Brightness	Adjustable to one of five levels. Quick-bright LCD
FLASH	
Modes	Auto, Manual Flash On / Off, Slow Synchro
Slow Sync Speed	Yes. Fastest speed 1/2000 sec.
Red-Eye Reduction	Yes
Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
Flash Exposure Lock	Yes
Built-in Flash Range	50 cm – 4.0 m (W) / 50 cm – 2.0 m (T)
External Flash	Canon High Power Flash HF-DC1, Canon High Power Flash HF-DC2
SHOOTING	
Modes	Smart Auto (32 scenes detected), P, Movie Digest, Portrait, Kids & Pets, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst (3.0MP), Best Image Selection (3.0MP), Handheld Night Scene, Low Light (3.0MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap, Beach, Foliage, Snow, Fireworks, Long Shutter, Stitch Assist
Modes in Movie	Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap, Beach, Foliage, Snow, Fireworks, iFrame Movie, Super Slow Motion Movie
Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color)
Drive modes	Single, Continuous, Self-Timer
Continuous Shooting	Approx. 3.5 shots/sec., High-speed Burst (3.0MP): Approx. 8.7 shots/sec., (until memory card becomes full) [6][7]

RECORDING PIXELS /COMPRESSION	
Image Size	4:3 - (L) 4000 x 3000, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480 16:9 - (L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 Resize in playback (M2, S, XS)* *XS is half the length and width of S
Compression	Fine, Normal
Movies	(Full HD) 1920 x 1080, 24 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps Super Slow Motion Movie (L) 640 x 480, 120fps, (M) 320 x 240, 240fps Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps iFrame Movie (HD)
Movie Length	(Full HD & HD) Up to 4 GB or 10 min. 00 sec. [11] (L and M) Up to 4 GB or 1 hour [7] (Super Slow Motion Movie) 30 sec.
FILE TYPES	
Still Image Type	JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	MOV [H.264 + Linear PCM (stereo)], iFrame
DIRECT PRINT	
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
PictBridge	Yes
OTHER FEATURES	
Red-Eye Correction	Yes, during shooting and playback
My Camera / My Menu	Start-up image and camera sounds customisation
My Category	Image tagging feature
Intelligent Orientation Sensor	Yes
Histogram	Yes
Playback zoom	Approx. 2x – 10x
Self Timer	Approx. 2 or 10 sec. or Custom
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi, Hindi
INTERFACE	
Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
Other	HDMI Mini Connector (HDMI-CEC compatible) A/V output (PAL/NTSC)
MEMORY CARD	
Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows 7/ 7 SP1/ Vista SP2/ XP SP3 ~ Mac OS X v10.5 – 10.6
SOFTWARE	
Browsing & Printing	ZoomBrowser EX / ImageBrowser
Other	PhotoStitch, Movie Uploader for YouTube, CameraWindow
POWER SOURCE	
Batteries	Rechargeable Li-ion Battery NB-4L (battery and charger supplied)
Battery life	Approx. 210 shots [8] Approx. 240 min. playback
A/C Power Supply	Optional, AC Adapter Kit ACK-DC60
ACCESSORIES	
Cases / Straps	Soft Leather Case DCC-1300, IXUS Metal or Leather Strap
Flash	High Power Flash HF-DC1, High Power Flash HF-DC2
Power Supply & Battery Chargers	AC Adapter Kit ACK-DC60
Other	Canon HDMI Cable HTC-100
PHYSICAL SPECIFICATIONS	
Operating Environment	0 – 40 °C, 10–90% humidity
Dimensions (W x H x D)	95.8 x 56.8 x 22.1 mm
Weight	Approx. 140 g (including battery/batteries and memory card)

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.
Subject to change without notice.

[1] Depending on the image size selected.
[3] Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.
[6] Under conditions where the flash does not fire.
[7] Depending on memory card speed / capacity / compression setting.
[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.
[10] Some settings limit availability.
[11] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above.

Logistics information

Pack Description	Quantity	Dimensions (L x W x H in mm)	Weight (Net/Gross in kg)
Each	1	162 x 142 x 61	0.296/0.386
Carton	15	447 x 326 x 202	5.79/6.58
Euro Pallet	375	1200 x 800 x 1160	-/169

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